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NATURAL RESOURCES

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STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

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January 4, 1979

FILE

Mr. John Blake  
Division of State Lands  
Rm. 411 Empire Bldg.  
231 East 4th South  
Salt Lake City, Utah 84111

Re: Brown Stone Mine  
ML-36291  
Section 15, T. 7S., R. 1W.

Dear Mr. Blake:

This is to inform you that the Division has reviewed the enclosed Mining and Reclamation Plan which was submitted by Mr. Ralph G. McDonald for the Brown Stone Mine, located on ML-36291. It has been determined that the area to be disturbed by this operation causes it to be exempt from the Mined Land Reclamation Act.

The Reclamation Plan which is enclosed was reviewed, and in our opinion would be adequate for protection of environmental values pursuant to the lease issued by the State for this area.

It is therefore requested that the Division of State Lands accept the enclosed Mining and Reclamation Plan as adequate for this operation and that the bond estimate, also enclosed, be used for posting bond or surety which would be posted by Mr. McDonald.

If you have any questions on our review of this plan, please contact our Division.

Sincerely,

RONALD W. DANIELS  
COORDINATOR OF MINED  
LAND DEVELOPMENT

FWD/sp  
cc: Mr. Ralph G. McDonald  
enc: Mining and Reclamation Plan



# DIVISION OF OIL, GAS, AND MINING

## BOND ESTIMATE

OPERATOR: Ralph G. McDonald  
 MINE NAME: Brown Stone Mine ML-36291  
 LOCATION: Sec. 15, T. 7S., R. 1W., SLBM  
 COUNTY: Utah County  
 DATE: December 12, 1978

	Operation	Amount	Rate	Cost
A.	CLEAN-UP			
	1. Removal of structures & equipment.	1 Job	\$ 100/Job	\$ 100.00
	2. Removal of trash & debris.	1 Job	\$ 100/Job	100.00
	3. Leveling of ancillary facilities pads and access roads.			
B.	REGRADEING & RECONTOURING			
	1. Earthwork including haulage and grading of spoils, waste and overburden.	100 Yards overburden	\$ 1.50/yd	\$ 150.00
	2. Recontouring of highwalls and excavations.			
	3. Spreading of soil or surficial materials.			
C.	STABILIZATION			
	1. Soil preparation, scarification, fertilization, etc.	6.6 acres	\$ 150/acre	\$ 990.00
	2. Seeding or planting.			
	3. Construction of terraces, water-bars, etc.	8 hours cat time	\$ 60/hour	\$ 480.00
D.	LABOR			
	1. Supervision.			
	2. Labor exclusive of bulldozer time.	8 hours	\$ 10/hour	\$ 80.00
E.	SAFETY			
	1. Erection of fences, portal coverings, etc.			
	2. Removal or neutralization of explosive or hazardous materials.			
F.	MONITORING			
	1. Continuing or periodic monitoring, sampling & testing deemed necessary.			
	2 Inspections	2 each	\$ 50/ea.	\$ 100.00
G.	OTHER			\$2,000.00
	Inflation -			
	5% for 10 years/factor-1.6289			\$1,257.80
				\$3,257.80